## **EAST Search History**

## **EAST Search History (Prior Art)**

| Ref# | Hits | Search Query  | DBs                       | Default<br>Operator | Plurals | Time Stamp          |
|------|------|---|---------------------------|---------------------|---------|---------------------|
| L1   | 1    | "20050117801".pn.   | USPAT;<br>DERWENT         | OR                  | OFF     | 2009/08/14<br>13:49 |
| L2   | 1    | 2005-142758.NRAN.   | DERWENT                   | OR                  | OFF     | 2009/08/14<br>13:49 |
| L3   | 1    | 2005-142758.NRAN.   | DERWENT                   | OR                  | OFF     | 2009/08/14<br>13:49 |
| L4   | 1    | "7190834".pn.   | US-PGPUB;<br>USPAT; USOCR | OR                  | OFF     | 2009/08/14<br>13:49 |
| L5   | 1    | "20050018904".pn.   | US-PGPUB;<br>USPAT; USOCR | OR                  | OFF     | 2009/08/14<br>13:49 |
| L6   | 41   | ("20020054699"   "3936800"   "4115702"   "4115762"   "4183013"   "4200861"   "4441248"   "4570180"   "4685143"   "4688088"   "4736437"   "4763280"   "4783826"   "4860374"   "4876457"   "4876728"   "4922543"   "4955062"   "4959898"   "4980971"   "5060276"   "5086478"   "5113565"   "5226095"   "5268999"   "5343028"   "5371690"   "5471541"   "5495537"   "5497451"   "5500906"   "5545887"   "5602937"   "5625715"   "5627912"   "5663809"   "5828769"   "5845288"   "5933516").PN. | US-PGPUB;<br>USPAT; USOCR | OR                  | OFF     | 2009/08/14          |

| L7  | 49   | ("5830612" "6137111"   | US-PGPUB;                 | OR | OFF         | 2009/08/14          |
|-----|------|--|---------------------------|----|-------------|---------------------|
|     | -    | "6222195" "6222195" "5859930" "6075898" "4907175" "5008618" "5433789" "4763004" "5267349" "5646489" "5432044" "6066854" "6072185" "6127291" "4347478" "4870286" "5255263" "5347393" "5430304" "5649292" "5657424" "5658695" "5824437" "5887102" "5952155" "5955738" "6138117" "6194776" "4256829" "4327354" "4591866" "4625121" "4799149" "4929838" "5361554" "5376103" "5398078" "5447521" "5450099" "5456293" "5467731" "5569912" "5571351" "5592402" "5605588" "5625727" "5625772" "5668481" ). pn. | USPAT; USOCR              |    | -<br>-<br>- | 13:49               |
| L8  | 0    | L6 and L7  | US-PGPUB;<br>USPAT; USOCR | OR | OFF         | 2009/08/14<br>13:49 |
| L9  | 81   | ("4547800"  <br>"4581760"   "4651341"<br>  "4754493"  <br>"4843631").PN. OR<br>("5495537").URPN.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF         | 2009/08/14<br>13:49 |
| L10 | 1861 | 382/173.ccls.  | US-PGPUB;<br>USPAT; USOCR | OR | OFF         | 2009/08/14<br>13:49 |
| L11 | 1153 | 382/181.ccls.  | US-PGPUB;<br>USPAT; USOCR | OR | OFF         | 2009/08/14<br>13:49 |
| L12 | 1858 | 382/190.ccls.  | US-PGPUB;<br>USPAT; USOCR | OR | OFF         | 2009/08/14<br>13:49 |
| L13 | 1112 | 382/224.ccls.  | US-PGPUB;<br>USPAT; USOCR | OR | OFF         | 2009/08/14<br>13:49 |
| L14 | 392  | 382/225.ccls.  | US-PGPUB;<br>USPAT; USOCR | OR | OFF         | 2009/08/14<br>13:49 |
| L15 | 270  | 382/226.ccls.  | US-PGPUB;<br>USPAT; USOCR | OR | OFF         | 2009/08/14<br>13:49 |
| L16 | 36   | 382/230.ccls.  | US-PGPUB;<br>USPAT; USOCR | OR | OFF         | 2009/08/14<br>13:49 |
| L17 | 6013 | L10 or L11 or L12 or<br>L13 or L14 or L15 or<br>L16  | US-PGPUB;<br>USPAT; USOCR | OR | OFF         | 2009/08/14<br>13:49 |

| L18     | 34   | L17 and (sub-pattern<br>\$1 or (sub near pattern<br>\$1))                         | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:49 |
|---------|------|---|---------------------------|----|-----|---------------------|
| L19     | 1537 | scor\$3 with (sub-<br>pattern\$1 or (sub near<br>pattern\$1) or partition<br>\$1) | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:49 |
| L20     | 1861 | 382/173.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:49 |
| L21     | 1153 | 382/181.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:49 |
| L22     | 1858 | 382/190.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:49 |
| L23     | 1112 | 382/224.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:49 |
| L24     | 392  | 382/225.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:49 |
| L25     | 270  | 382/226.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:49 |
| L26     | 36   | 382/230.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:49 |
| L27     | 6013 | L20 or L21 or L22 or<br>L23 or L24 or L25 or<br>L26                               | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:49 |
| L28     | 12   | L19 and L27   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:49 |
| L29     | 2    | scor\$4 near2 candidat<br>\$2 near2 partition\$2                                  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:49 |
| L30     | 784  | scor\$4 near2 (cluster<br>\$1)  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:49 |
| L31     | 20   | L27 and L30   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:49 |
| <br>L32 | 3463 | (rank\$3 or scor\$3 or rat<br>\$3) near2 partition\$1                             | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:49 |
| L33     | 1861 | 382/173.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:49 |
| L34     | 1153 | 382/181.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:49 |
| L35     | 1858 | 382/190.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:49 |
| L36     | 1112 | 382/224.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:49 |
| L37     | 392  | 382/225.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:49 |
| L38     | 270  | 382/226.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:49 |

| L39     | 36   | 382/230.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:49 |
|---------|------|---|---------------------------|----|-----|---------------------|
| L40     | 6013 | L33 or L34 or L35 or<br>L36 or L37 or L38 or<br>L39   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:49 |
| L41     | 13   | L32 and L40   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:49 |
| L42     | 0    | (optimized near<br>subpatterns same<br>suitability)   | US-PGPUB                  | OR | OFF | 2009/08/14<br>13:49 |
| L43     | 1    | 2005-142758.NRAN.   | DERWENT                   | OR | OFF | 2009/08/14<br>13:49 |
| L44     | 1    | "20050117801".pn.   | USPAT;<br>DERWENT         | OR | OFF | 2009/08/14<br>13:49 |
| L45     | 1    | "7190834".pn.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:49 |
| L46     | 1    | 2005-142758.NRAN.   | DERWENT                   | OR | OFF | 2009/08/14<br>13:49 |
| L47     | 49   | ("5830612" "6137111" "6222195" "6222195" "5859930" "6075898" "4907175" "5008618" "5433789" "4763004" "5267349" "5646489" "5432044" "6066854" "6072185" "6127291" "4347478" "4870286" "5255263" "5347393" "5430304" "5649292" "5657424" "5658695" "5824437" "5887102" "5952155" "5955738" "6138117" "6194776" "4256829" "4327354" "4591866" "4625121" "4799149" "4929838" "5361554" "5376103" "5398078" "5447521" "5450099" "5456293" "5467731" "5569912" "5571351" "5592402" "5605588" "5625727" "5625772" "5668481" ). pn. | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14          |
| L48<br> | 1    | "20050018904".pn.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:49 |
| L49     | 1858 | 382/190.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:49 |
| L50     | 1153 | 382/181.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:49 |

| L51      | 41   | /"20020054600" I   | US-PGPUB;                               | OR       | OFF | 2000/08/14                              |
|----------|------|--|---|----------|-----|---|
| LOI      | 41   | ("20020054699"  <br>"3936800"   "4115702"                        |   | Un       | OFF | 2009/08/14<br>13:49                     |
|          |      |  | USFAT, USUUN                            |          |     | 13.48                                   |
|          |      | "4115762"  <br>"4192012"   "4200961"                             |   |          |     |   |
|          |      | "4183013"   "4200861"<br>  "4441248"                             |   |          |     |   |
|          |      | : { !  |   |          |     |   |
|          |      | "4570180"   "4685143"  |   |          |     |   |
|          |      | "4688088"  <br>"4726427"   "4762280"                             |   |          |     |   |
|          |      | "4736437"   "4763280"  |   |          |     |   |
|          |      | "4783826"  <br>"4960274"   "4976467"                             |   |          |     |   |
|          |      | "4860374"   "4876457"<br>  "4876728"                             |   |          |     |   |
|          |      | "4922543"   "4955062"  |   |          |     |   |
|          |      | "4959898"  |   |          |     |   |
|          |      | "4980971"   "5060276"  |   |          |     |   |
|          |      | "5086478"  |   |          |     |   |
|          |      | "5113565"   "5226095"  |   |          |     |   |
|          |      | "5268999"  |   |          |     |   |
|          |      | "5343028"   "5371690"  |   |          |     |   |
|          |      | "5471541"  |   |          |     |   |
|          |      | "5495537"   "5497451"  |   |          |     |   |
|          |      | "5500906"  |   |          |     |   |
|          |      | "5545887"   "5602937"  |   |          |     |   |
|          |      | "5621807"  |   |          |     |   |
|          |      | "5625715"   "5627912"  |   |          |     |   |
|          |      | "5627915"  |   |          |     |   |
|          |      | "5663809"   "5828769"  |   |          |     |   |
|          |      | "5845288"  |   |          |     |   |
|          |      | "5933516").PN.   |   |          |     |   |
| L52      | 270  | 382/226.ccls.  | US-PGPUB;                               | OR       | OFF | 2009/08/14                              |
| LJZ      | 270  | 302/220.003.   | USPAT; USOCR                            | Ort      | OFF | 13:49                                   |
| <u>}</u> |      | haminanian manananan manananan mananan mananan mananan manananan | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | ,        |     | , ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |
| L53      | 0    | L51 and L47  | US-PGPUB;                               | OR       | OFF | 2009/08/14                              |
|          |      |  | USPAT; USOCR                            |          |     | 13:49                                   |
| L54      | 81   | ("4547800"   | US-PGPUB;                               | OR       | OFF | 2009/08/14                              |
|          |      | "4581760"   "4651341"  | USPAT; USOCR                            |          |     | 13:49                                   |
|          |      | "4754493"  |   |          |     |   |
|          |      | "4843631").PN. OR  |   |          |     |   |
|          |      | ("5495537").URPN.  |   |          |     |   |
| L55      | 1861 | 382/173.ccls.  | US-PGPUB;                               | OR       | OFF | 2009/08/14                              |
|          |      |  | USPAT; USOCR                            |          |     | 13:49                                   |
|          | 00   | 000/000 colo   | ·                                       |          | OFF | , ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |
| L56      | 36   | 382/230.ccls.  | US-PGPUB;                               | OR       | OFF | 2009/08/14                              |
| <u></u>  |      |  | USPAT; USOCR                            |          | . , | 13:49                                   |
| L57      | 392  | 382/225.ccls.  | US-PGPUB;                               | OR       | OFF | 2009/08/14                              |
|          |      |  | USPAT; USOCR                            |          |     | 13:49                                   |
| L58      | 1112 | 382/224.ccls.  | US-PGPUB;                               | OR       | OFF | 2009/08/14                              |
|          |      | - 52, 22 .100.01   | USPAT; USOCR                            |          |     | 13:49                                   |
| I EO     | 6010 | LEE Or LEO or LAO or   | , ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | OD       | OFF | ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ;   |
| L59      | 6013 | L55 or L50 or L49 or   | US-PGPUB;                               | OR       | OFF | 2009/08/14                              |
|          |      | L58 or L57 or L52 or   | USPAT; USOCR                            |          |     | 13:49                                   |
|          | ļ    | L56  | ,                                       | <u> </u> |     | , ,                                     |
| L60      | 34   | L59 and (sub-pattern   | US-PGPUB;                               | OR       | OFF | 2009/08/14                              |
|          |      | \$1 or (sub near pattern   | USPAT; USOCR                            |          |     | 13:49                                   |
|          |      | \$1))  |   |          |     |   |

| L61 | 1153 | 382/181.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:49 |
|-----|------|---|---------------------------|----|-----|---------------------|
| L62 | 1861 | 382/173.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:49 |
| L63 | 1537 | scor\$3 with (sub-<br>pattern\$1 or (sub near<br>pattern\$1) or partition<br>\$1) | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:49 |
| L64 | 392  | 382/225.cds.  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:49 |
| L65 | 270  | 382/226.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:49 |
| L66 | 1112 | 382/224.cds.  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:49 |
| L67 | 1858 | 382/190.cds.  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:49 |
| L68 | 36   | 382/230.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:49 |
| L69 | 6013 | L62 or L61 or L67 or<br>L66 or L64 or L65 or<br>L68                               | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:49 |
| L70 | 12   | L63 and L69   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:49 |
| L71 | 784  | scor\$4 near2 (cluster<br>\$1)  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:49 |
| L72 | 20   | L69 and L71   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:49 |
| L73 | 2    | scor\$4 near2 candidat<br>\$2 near2 partition\$2                                  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:49 |
| L74 | 3463 | (rank\$3 or scor\$3 or rat<br>\$3) near2 partition\$1                             | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:49 |
| L75 | 1112 | 382/224.cds.  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:49 |
| L76 | 1858 | 382/190.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:49 |
| L77 | 1153 | 382/181.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:49 |
| L78 | 270  | 382/226.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:49 |
| L79 | 392  | 382/225.cds.  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:49 |
| L80 | 36   | 382/230.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:49 |
| L81 | 1861 | 382/173.cdls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:49 |

| L82 | 6013 | L81 or L77 or L76 or<br>L75 or L79 or L78 or<br>L80  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:49 |
|-----|------|--|---------------------------|----|-----|---------------------|
| L83 | 13   | L74 and L82  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:49 |
| L84 | 156  | pedestrian near<br>detection   | DERWENT                   | OR | OFF | 2009/08/14<br>13:49 |
| L85 | 123  | pedestrian near<br>detection   | USPAT                     | OR | OFF | 2009/08/14<br>13:49 |
| L86 | 1    | "7239929".PN.  | USPAT                     | OR | OFF | 2009/08/14<br>13:49 |
| L87 | 1    | "20050117801".pn.  | USPAT;<br>DERWENT         | OR | OFF | 2009/08/14<br>13:49 |
| L88 | 1    | 2005-142758.NRAN.  | DERWENT                   | OR | OFF | 2009/08/14<br>13:49 |
| L89 | 1    | 2005-142758.NRAN.  | DERWENT                   | OR | OFF | 2009/08/14<br>13:49 |
| L90 | 1    | "7190834".pn.  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:49 |
| L91 | 1    | "20050018904".pn.  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:49 |
| L92 | 41   | ("20020054699"   "3936800"   "4115702"   "4115762"   "4183013"   "4200861"   "4441248"   "4570180"   "4685143"   "4688088"   "4736437"   "4763280"   "4783826"   "4860374"   "4876457"   "4876728"   "4959898"   "4959898"   "4959898"   "5086478"   "5226095"   "5268999"   "5343028"   "5371690"   "5471541"   "55495537"   "5497451"   "5500906"   "5545887"   "5627912"   "5627915"   "5627915"   "5845288"   "5933516").PN. | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14          |

| L93  | 49   | ("5830612" "6137111" "6222195" "6222195" "5859930" "6075898" "4907175" "5008618" "5433789" "4763004" "5267349" "5646489" "5432044" "6066854" "6072185" "6127291" "4347478" "4870286" "5255263" "5347393" "5430304" "5649292" "5657424" "5658695" "5824437" "5887102" "5952155" "5955738" "6138117" "6194776" "4256829" "4327354" "4591866" "4625121" "4799149" "4929838" "5361554" "5376103" "5398078" "5447521" "5450099" "5456293" "5467731" "5569912" "5605588" "5625727" "5625772" "5668481" ). pn. | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14          |
|------|------|---|---------------------------|----|-----|---------------------|
| L94  | 0    | L92 and L93   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:49 |
| L95  | 81   | ("4547800"  <br>"4581760"   "4651341"<br>  "4754493"  <br>"4843631").PN. OR<br>("5495537").URPN.  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:49 |
| L96  | 1861 | 382/173.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:49 |
| L97  | 1153 | 382/181.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:49 |
| L98  | 1858 | 382/190.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:49 |
| L99  | 1112 | 382/224.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:49 |
| L100 | 392  | 382/225.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:49 |
| L101 | 270  | 382/226.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:49 |
| L102 | 36   | 382/230.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:49 |
| L103 | 6013 | L96 or L97 or L98 or<br>L99 or L100 or L101 or<br>L102  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:49 |

| L104 | 34   | L103 and (sub-pattern<br>\$1 or (sub near pattern<br>\$1))                        | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:49 |
|------|------|---|---------------------------|----|-----|---------------------|
| L105 | 1537 | scor\$3 with (sub-<br>pattern\$1 or (sub near<br>pattern\$1) or partition<br>\$1) | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:49 |
| L106 | 1861 | 382/173.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:49 |
| L107 | 1153 | 382/181.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:49 |
| L108 | 1858 | 382/190.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:49 |
| L109 | 1112 | 382/224.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:49 |
| L110 | 392  | 382/225.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:49 |
| L111 | 270  | 382/226.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:49 |
| L112 | 36   | 382/230.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:49 |
| L113 | 6013 | L106 or L107 or L108<br>or L109 or L110 or<br>L111 or L112                        | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:49 |
| L114 | 12   | L105 and L113   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:49 |
| L115 | 2    | scor\$4 near2 candidat<br>\$2 near2 partition\$2                                  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:49 |
| L116 | 784  | scor\$4 near2 (cluster<br>\$1)  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:49 |
| L117 | 20   | L113 and L116   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:49 |
| L118 | 3463 | (rank\$3 or scor\$3 or rat<br>\$3) near2 partition\$1                             | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:49 |
| L119 | 1861 | 382/173.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:49 |
| L120 | 1153 | 382/181.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:49 |
| L121 | 1858 | 382/190.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:49 |
| L122 | 1112 | 382/224.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:49 |
| L123 | 392  | 382/225.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:49 |
| L124 | 270  | 382/226.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:49 |

| L125 | 36   | 382/230.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:49 |
|------|------|---|---------------------------|----|-----|---------------------|
| L126 | 6013 | L119 or L120 or L121<br>or L122 or L123 or<br>L124 or L125  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:49 |
| L127 | 13   | L118 and L126   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:49 |
| L128 | 0    | (optimized near<br>subpatterns same<br>suitability)   | US-PGPUB                  | OR | OFF | 2009/08/14<br>13:49 |
| L129 | 1    | 2005-142758.NRAN.   | DERWENT                   | OR | OFF | 2009/08/14<br>13:49 |
| L130 | 1    | "20050117801".pn.   | USPAT;<br>DERWENT         | OR | OFF | 2009/08/14<br>13:49 |
| L131 | 1    | "7190834".pn.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:49 |
| L132 | 1    | 2005-142758.NRAN.   | DERWENT                   | OR | OFF | 2009/08/14<br>13:49 |
| L133 | 49   | ("5830612" "6137111" "6222195" "6222195" "5859930" "6075898" "4907175" "5008618" "5433789" "4763004" "5267349" "5646489" "5432044" "6066854" "6072185" "6127291" "4347478" "4870286" "5255263" "5347393" "5430304" "5649292" "5657424" "5658695" "5824437" "5887102" "5952155" "5955738" "6138117" "6194776" "4256829" "4327354" "4591866" "4625121" "4799149" "4929838" "5361554" "5376103" "5398078" "5447521" "5450099" "5456293" "5467731" "5569912" "5605588" "5625727" "5625772" "5668481" ). pn. | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:49 |
|      | 1    | "20050018904".pn.   | USPAT; USOCR              |    |     | 13:49               |
| L135 | 1858 | 382/190.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:49 |
| L136 | 1153 | 382/181.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:49 |

| L137   | 41   | ("20020054699"                                    | US-PGPUB;                 | OR   | OFF    | 2009/08/14   |
|--------|------|---|---------------------------|------|--------|--------------|
|        |      | "3936800"   "4115702"                             | . 2                       |      |        | 13:49        |
|        |      | "4115762"   | ,                         |      |        |              |
|        |      | "4183013"   "4200861"                             |                           |      |        |              |
|        |      | "4441248"   |                           |      |        |              |
|        |      | "4570180"   "4685143"                             |                           |      |        |              |
|        |      | "4688088"   |                           |      |        |              |
|        |      | "4736437"   "4763280"                             |                           |      |        |              |
|        |      | "4783826"   |                           |      |        |              |
|        |      | "4860374"   "4876457"                             |                           |      |        |              |
|        |      | "4876728"   |                           |      |        |              |
|        |      | "4922543"   "4955062"                             |                           |      |        |              |
|        |      | "4959898"   |                           |      |        |              |
|        |      | "4980971"   "5060276"                             |                           |      |        |              |
|        |      | "5086478"   |                           |      |        |              |
|        |      | "5113565"   "5226095"                             |                           |      |        |              |
|        |      | "5268999"   |                           |      |        |              |
|        |      | "5343028"   "5371690"                             |                           |      |        |              |
|        |      | "5471541"   |                           |      |        |              |
|        |      | "5495537"   "5497451"                             |                           |      |        |              |
|        |      | "5500906"   |                           |      |        |              |
|        |      | "5545887"   "5602937"                             |                           |      |        |              |
|        |      | "5621807"   |                           |      |        |              |
|        |      | "5625715"   "5627912"                             |                           |      |        |              |
|        |      | "5627915"   |                           |      |        |              |
|        |      | "5663809"   "5828769"                             |                           |      |        |              |
|        |      | "5845288"   |                           |      |        |              |
|        |      | "5933516").PN.                                    |                           |      |        |              |
| L138   | 270  | 382/226.ccls.                                     | US-PGPUB;                 | OR   | OFF    | 2009/08/14   |
| L100   | 2,0  | 002/220.0013.                                     | USPAT; USOCR              | Ort  | 011    | 13:49        |
|        |      |   | ·                         |      |        |              |
| L139   | 0    | L137 and L133                                     | US-PGPUB;                 | OR   | OFF    | 2009/08/14   |
|        |      |   | USPAT; USOCR              |      |        | 13:49        |
| L140   | 81   | ("4547800"  | US-PGPUB;                 | OR   | OFF    | 2009/08/14   |
|        |      | "4581760"   "4651341"                             | USPAT; USOCR              |      |        | 13:49        |
|        |      | "4754493"   |                           |      |        |              |
|        |      | "4843631").PN. OR                                 |                           |      |        |              |
|        |      | ("5495537").URPN.                                 |                           |      |        |              |
| L141   | 1861 | 382/173.ccls.                                     | US-PGPUB;                 | OR   | OFF    | 2009/08/14   |
|        |      |   | USPAT; USOCR              |      |        | 13:49        |
| 1 4 40 |      | 000/0001-   | ,                         | 00   |        |              |
| L142   | 36   | 382/230.ccls.                                     | US-PGPUB;                 | OR   | OFF    | 2009/08/14   |
|        |      |   | USPAT; USOCR              |      |        | 13:49        |
| L143   | 392  | 382/225.ccls.                                     | US-PGPUB;                 | OR   | OFF    | 2009/08/14   |
|        |      |   | USPAT; USOCR              |      |        | 13:49        |
| L144   | 1112 | 382/224.ccls.                                     | US-PGPUB;                 | OR   | OFF    | 2009/08/14   |
| L177   | 1112 | 302/224.003.                                      | USPAT; USOCR              | Ort  | OFF    | 13:49        |
|        |      |   | ,                         |      |        | <u>}</u>     |
| L145   | 6013 | L141 or L136 or L135                              | US-PGPUB;                 | OR   | OFF    | 2009/08/14   |
|        |      | or L144 or L143 or                                | USPAT; USOCR              |      |        | 13:49        |
|        |      | L138 or L142                                      |                           |      |        |              |
|        |      | 1117 and /aula nattara                            | LIC DODLID:               | OD   | OFF    | 2009/08/14   |
| L146   | ∃34  | 3L145 and (sub-pattern                            | SUO FUICUD                | ::Un | ::OF I | 3ZUU3/UO/ 14 |
| L146   | 34   | L145 and (sub-pattern<br>\$1 or (sub near pattern | US-PGPUB;<br>USPAT; USOCR | OR   | OFF    | 13:49        |

| L147 | 1153 | 382/181.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:49 |
|------|------|---|---------------------------|----|-----|---------------------|
| L148 | 1861 | 382/173.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:49 |
| L149 | 1537 | scor\$3 with (sub-<br>pattern\$1 or (sub near<br>pattern\$1) or partition<br>\$1) | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:49 |
| L150 | 392  | 382/225.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:49 |
| L151 | 270  | 382/226.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:49 |
| L152 | 1112 | 382/224.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:49 |
| L153 | 1858 | 382/190.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:49 |
| L154 | 36   | 382/230.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:49 |
| L155 | 6013 | L148 or L147 or L153<br>or L152 or L150 or<br>L151 or L154                        | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:49 |
| L156 | 12   | L149 and L155   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:49 |
| L157 | 784  | scor\$4 near2 (cluster<br>\$1)  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:49 |
| L158 | 20   | L155 and L157   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:49 |
| L159 | 2    | scor\$4 near2 candidat<br>\$2 near2 partition\$2                                  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:49 |
| L160 | 3463 | (rank\$3 or scor\$3 or rat<br>\$3) near2 partition\$1                             | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:49 |
| L161 | 1112 | 382/224.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:49 |
| L162 | 1858 | 382/190.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L163 | 1153 | 382/181.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L164 | 270  | 382/226.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L165 | 392  | 382/225.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L166 | 36   | 382/230.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L167 | 1861 | 382/173.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |

| L168 | 6013 | L167 or L163 or L162<br>or L161 or L165 or<br>L164 or L166   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
|------|------|--|---------------------------|----|-----|---------------------|
| L169 | 13   | L160 and L168  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L170 | 156  | pedestrian near<br>detection   | DERWENT                   | OR | OFF | 2009/08/14<br>13:50 |
| L171 | 123  | pedestrian near<br>detection   | USPAT                     | OR | OFF | 2009/08/14<br>13:50 |
| L172 | 5    | ("5278946"  <br>"6075905"   "6160907"<br>  "6396961"  <br>"7003134").PN.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L173 | 1    | ("7239929").URPN.  | USPAT                     | OR | OFF | 2009/08/14<br>13:50 |
| L174 | 1    | "20050117801".pn.  | USPAT;<br>DERWENT         | OR | OFF | 2009/08/14<br>13:50 |
| L175 | 1    | 2005-142758.NRAN.  | DERWENT                   | OR | OFF | 2009/08/14<br>13:50 |
| L176 | 1    | 2005-142758.NRAN.  | DERWENT                   | OR | OFF | 2009/08/14<br>13:50 |
| L177 | 1    | "7190834".pn.  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L178 | 1    | "20050018904".pn.  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L179 | 1    | ("20020054699"   "3936800"   "4115702"   "4115762"   "4183013"   "4200861"   "4441248"   "4570180"   "4685143"   "4688088"   "4736437"   "4763280"   "4783826"   "4860374"   "4876457"   "4876728"   "4922543"   "4955062"   "4959898"   "4980971"   "5060276"   "5086478"   "5113565"   "5226095"   "5268999"   "5343028"   "5371690"   "5471541"   "5500906"   "5545887"   "5602937"   "5625715"   "5627912"   "5627915" | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14          |

|      |      | "5663809"   "5828769"<br>  "5845288"  <br>"5933516").PN.  |                           |    |     |                     |
|------|------|---|---------------------------|----|-----|---------------------|
| L180 | 49   | ("5830612" "6137111" "6222195" "6222195" "5859930" "6075898" "4907175" "5008618" "5433789" "4763004" "5267349" "5646489" "5432044" "6066854" "6072185" "6127291" "4347478" "4870286" "5255263" "5347393" "5430304" "5649292" "5657424" "5658695" "5824437" "5887102" "5952155" "5955738" "6138117" "6194776" "4256829" "4327354" "4591866" "4625121" "4799149" "4929838" "5361554" "5376103" "5398078" "5447521" "5450099" "5456293" "5467731" "5569912" "5571351" "5592402" "5605588" "5625727" "5625772" "5668481" ). pn. | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14          |
| L181 | 0    | L179 and L180   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L182 | 81   | ("4547800"  <br>"4581760"   "4651341"<br>  "4754493"  <br>"4843631").PN. OR<br>("5495537").URPN.  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L183 | 1861 | 382/173.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L184 | 1153 | 382/181.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L185 | 1858 | 382/190.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L186 | 1112 | 382/224.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L187 | 392  | 382/225.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L188 | 270  | 382/226.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L189 | 36   | 382/230.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |

| L190 | 6013 | L183 or L184 or L185<br>or L186 or L187 or<br>L188 or L189                        | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
|------|------|---|---------------------------|----|-----|---------------------|
| L191 | 34   | L190 and (sub-pattern<br>\$1 or (sub near pattern<br>\$1))                        | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L192 | 1537 | scor\$3 with (sub-<br>pattern\$1 or (sub near<br>pattern\$1) or partition<br>\$1) | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L193 | 1861 | 382/173.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L194 | 1153 | 382/181.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L195 | 1858 | 382/190.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L196 | 1112 | 382/224.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L197 | 392  | 382/225.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L198 | 270  | 382/226.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L199 | 36   | 382/230.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L200 | 6013 | L193 or L194 or L195<br>or L196 or L197 or<br>L198 or L199                        | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L201 | 12   | L192 and L200   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L202 | 2    | scor\$4 near2 candidat<br>\$2 near2 partition\$2                                  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L203 | 784  | scor\$4 near2 (cluster<br>\$1)  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L204 | 20   | L200 and L203   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L205 | 3463 | (rank\$3 or scor\$3 or rat<br>\$3) near2 partition\$1                             | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L206 | 1861 | 382/173.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L207 | 1153 | 382/181.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L208 | 1858 | 382/190.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L209 | 1112 | 382/224.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |

| L210 | 392  | 382/225.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
|------|------|---|---------------------------|----|-----|---------------------|
| L211 | 270  | 382/226.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L212 | 36   | 382/230.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L213 | 6013 | L206 or L207 or L208<br>or L209 or L210 or<br>L211 or L212  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L214 | 13   | L205 and L213   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L215 | 0    | (optimized near<br>subpatterns same<br>suitability)   | US-PGPUB                  | OR | OFF | 2009/08/14<br>13:50 |
| L216 | 1    | 2005-142758.NRAN.   | DERWENT                   | OR | OFF | 2009/08/14<br>13:50 |
| L217 | 1    | "20050117801".pn.   | USPAT;<br>DERWENT         | OR | OFF | 2009/08/14<br>13:50 |
| L218 | 1    | "7190834".pn.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L219 | 1    | 2005-142758.NRAN.   | DERWENT                   | OR | OFF | 2009/08/14<br>13:50 |
| L220 | 49   | ("5830612" "6137111" "6222195" "6222195" "5859930" "6075898" "4907175" "5008618" "5433789" "4763004" "5267349" "5646489" "5432044" "6066854" "6072185" "6127291" "4347478" "4870286" "5255263" "5347393" "5430304" "5649292" "5657424" "5658695" "5824437" "5887102" "5952155" "5955738" "6138117" "6194776" "4256829" "4327354" "4591866" "4625121" "4799149" "4929838" "5361554" "5376103" "5398078" "5447521" "5450099" "5456293" "5467731" "5569912" "5605588" "5625727" "5625772" "5668481" ). pn. | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14          |
| L221 | 1    | "20050018904".pn.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |

| L222 | 1858 | 382/190.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
|------|------|---|---------------------------|----|-----|---------------------|
| L223 | 1153 | 382/181.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L224 | 41   | ("20020054699"   "3936800"   "4115702"   "4115762"   "4183013"   "4200861"   "4441248"   "4570180"   "4685143"   "4688088"   "4736437"   "4763280"   "4783826"   "4860374"   "4876457"   "4876728"   "4922543"   "4955062"   "4959898"   "4980971"   "5060276"   "5086478"   "5113565"   "5226095"   "5268999"   "5343028"   "5371690"   "5471541"   "5495537"   "5497451"   "5500906"   "5545887"   "5602937"   "5627915"   "5663809"   "5828769"   "5845288"   "5933516").PN. | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14          |
| L225 | 270  | 382/226.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L226 | 0    | L224 and L220   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L227 | 81   | ("4547800"  <br>"4581760"   "4651341"<br>  "4754493"  <br>"4843631").PN. OR<br>("5495537").URPN.  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L228 | 1861 | 382/173.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L229 | 36   | 382/230.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L230 | 392  | 382/225.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L231 | 1112 | 382/224.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |

| L232 | 6013 | L228 or L223 or L222<br>or L231 or L230 or<br>L225 or L229                        | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
|------|------|---|---------------------------|----|-----|---------------------|
| L233 | 34   | L232 and (sub-pattern<br>\$1 or (sub near pattern<br>\$1))                        | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L234 | 1153 | 382/181.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L235 | 1861 | 382/173.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L236 | 1537 | scor\$3 with (sub-<br>pattern\$1 or (sub near<br>pattern\$1) or partition<br>\$1) | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L237 | 392  | 382/225.cds.  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L238 | 270  | 382/226.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L239 | 1112 | 382/224.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L240 | 1858 | 382/190.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L241 | 36   | 382/230.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L242 | 6013 | L235 or L234 or L240<br>or L239 or L237 or<br>L238 or L241                        | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L243 | 12   | L236 and L242   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L244 | 784  | scor\$4 near2 (cluster<br>\$1)  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L245 | 20   | L242 and L244   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L246 | 2    | scor\$4 near2 candidat<br>\$2 near2 partition\$2                                  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L247 | 3463 | (rank\$3 or scor\$3 or rat<br>\$3) near2 partition\$1                             | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L248 | 1112 | 382/224.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L249 | 1858 | 382/190.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L250 | 1153 | 382/181.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L251 | 270  | 382/226.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |

| L252 | 392  | 382/225.ccls.  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
|------|------|--|---------------------------|----|-----|---------------------|
| L253 | 36   | 382/230.ccls.  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L254 | 1861 | 382/173.ccls.  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L255 | 6013 | L254 or L250 or L249<br>or L248 or L252 or<br>L251 or L253   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L256 | 13   | L247 and L255  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L257 | 156  | pedestrian near<br>detection   | DERWENT                   | OR | OFF | 2009/08/14<br>13:50 |
| L258 | 123  | pedestrian near<br>detection   | USPAT                     | OR | OFF | 2009/08/14<br>13:50 |
| L259 | 1    | "7239929".PN.  | USPAT                     | OR | OFF | 2009/08/14<br>13:50 |
| L260 | 1    | "20050117801".pn.  | USPAT;<br>DERWENT         | OR | OFF | 2009/08/14<br>13:50 |
| L261 | 1    | 2005-142758.NRAN.  | DERWENT                   | OR | OFF | 2009/08/14<br>13:50 |
| L262 | 1    | 2005-142758.NRAN.  | DERWENT                   | OR | OFF | 2009/08/14<br>13:50 |
| L263 | 1    | "7190834".pn.  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L264 | 1    | "20050018904".pn.  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L265 | 41   | ("20020054699"   "3936800"   "4115702"   "4115762"   "4183013"   "4200861"   "4441248"   "4570180"   "4685143"   "4688088"   "4736437"   "4763280"   "4783826"   "4860374"   "4876457"   "4876728"   "4922543"   "4955062"   "4959898"   "4980971"   "5060276"   "5086478"   "5113565"   "5226095"   "5268999"   "5343028"   "5371690"   "5471541"   "5495537"   "5497451"   "5500906"   "5545887"   "5602937" | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14          |

|      |      | "5621807"  <br>"5625715"   "5627912"<br>  "5627915"  <br>"5663809"   "5828769"<br>  "5845288"  <br>"5933516").PN.  |                           |    |     |                     |
|------|------|--|---------------------------|----|-----|---------------------|
| L266 | 49   | ("5830612" "6137111" "6222195" "6222195" "5859930" "6075898" "4907175" "5008618" "5433789" "4763004" "5267349" "5646489" "5432044" "6066854" "6072185" "6127291" "4347478" "4870286" "5255263" "5347393" "5430304" "5649292" "5657424" "5658695" "5824437" "5887102" "5952155" "5955738" "6138117" "6194776" "4256829" "4327354" "4591866" "4625121" "4799149" "4929838" "5361554" "5376103" "5398078" "5447521" "5450099" "5456293" "55671351" "5592402" "5605588" "5625727" "5625772" "5668481" ). pn. | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14          |
| L267 | 0    | L265 and L266  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L268 | 81   | ("4547800"  <br>"4581760"   "4651341"<br>  "4754493"  <br>"4843631").PN. OR<br>("5495537").URPN.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L269 | 1861 | 382/173.ccls.  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L270 | 1153 | 382/181.ccls.  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L271 | 1858 | 382/190.ccls.  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L272 | 1112 | 382/224.ccls.  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L273 | 392  | 382/225.ccls.  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L274 | 270  | 382/226.ccls.  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |

| L275 | 36   | 382/230.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
|------|------|---|---------------------------|----|-----|---------------------|
| L276 | 6013 | L269 or L270 or L271<br>or L272 or L273 or<br>L274 or L275                        | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L277 | 34   | L276 and (sub-pattern<br>\$1 or (sub near pattern<br>\$1))                        | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L278 | 1537 | scor\$3 with (sub-<br>pattern\$1 or (sub near<br>pattern\$1) or partition<br>\$1) | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L279 | 1861 | 382/173.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L280 | 1153 | 382/181.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L281 | 1858 | 382/190.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L282 | 1112 | 382/224.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L283 | 392  | 382/225.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L284 | 270  | 382/226.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L285 | 36   | 382/230.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L286 | 6013 | L279 or L280 or L281<br>or L282 or L283 or<br>L284 or L285                        | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L287 | 12   | L278 and L286   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L288 | 2    | scor\$4 near2 candidat<br>\$2 near2 partition\$2                                  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L289 | 784  | scor\$4 near2 (cluster<br>\$1)  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L290 | 20   | L286 and L289   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L291 | 3463 | (rank\$3 or scor\$3 or rat<br>\$3) near2 partition\$1                             | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L292 | 1861 | 382/173.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L293 | 1153 | 382/181.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L294 | 1858 | 382/190.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |

| L295 | 1112 | 382/224.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
|------|------|---|---------------------------|----|-----|---------------------|
| L296 | 392  | 382/225.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L297 | 270  | 382/226.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L298 | 36   | 382/230.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L299 | 6013 | L292 or L293 or L294<br>or L295 or L296 or<br>L297 or L298  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L300 | 13   | L291 and L299   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L301 | 0    | (optimized near<br>subpatterns same<br>suitability)   | US-PGPUB                  | OR | OFF | 2009/08/14<br>13:50 |
| L302 | 1    | 2005-142758.NRAN.   | DERWENT                   | OR | OFF | 2009/08/14<br>13:50 |
| L303 | 1    | "20050117801".pn.   | USPAT;<br>DERWENT         | OR | OFF | 2009/08/14<br>13:50 |
| L304 | 1    | "7190834".pn.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L305 | 1    | 2005-142758.NRAN.   | DERWENT                   | OR | OFF | 2009/08/14<br>13:50 |
| L306 | 9    | ("5830612" "6137111" "6222195" "6222195" "5859930" "6075898" "4907175" "5008618" "5433789" "4763004" "5267349" "5646489" "5432044" "6066854" "6072185" "6127291" "4347478" "4870286" "5255263" "5347393" "5430304" "5649292" "5657424" "5658695" "5824437" "5887102" "5952155" "5955738" "6138117" "6194776" "4256829" "4327354" "4591866" "4625121" "4799149" "4929838" "5361554" "5376103" "5398078" "5447521" "5450099" "5456293" "5467731" "5569912" "5571351" "5592402" "5605588" "5625727" "5625772" "5668481" ). pn. | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14          |

| L307 | 1    | "20050018904".pn.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
|------|------|---|---------------------------|----|-----|---------------------|
| L308 | 1858 | 382/190.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L309 | 1153 | 382/181.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L310 | 41   | ("20020054699"   "3936800"   "4115702"   "4115762"   "4183013"   "4200861"   "4441248"   "4570180"   "4685143"   "4688088"   "4736437"   "4763280"   "4783826"   "4860374"   "4876457"   "4876728"   "4922543"   "4955062"   "4959898"   "4980971"   "5060276"   "5086478"   "5113565"   "5226095"   "5268999"   "5343028"   "5371690"   "5471541"   "5495537"   "5497451"   "5500906"   "5545887"   "5602937"   "5627915"   "5663809"   "5828769"   "5845288"   "5933516").PN. | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14          |
| L311 | 270  | 382/226.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L312 | 0    | L310 and L306   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L313 | 81   | ("4547800"  <br>"4581760"   "4651341"<br>  "4754493"  <br>"4843631").PN. OR<br>("5495537").URPN.  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L314 | 1861 | 382/173.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L315 | 36   | 382/230.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L316 | 392  | 382/225.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |

| L317 | 1112 | 382/224.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
|------|------|---|---------------------------|----|-----|---------------------|
| L318 | 6013 | L314 or L309 or L308<br>or L317 or L316 or<br>L311 or L315                        | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L319 | 34   |   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L320 | 1153 | 382/181.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L321 | 1861 | 382/173.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L322 | 1537 | scor\$3 with (sub-<br>pattern\$1 or (sub near<br>pattern\$1) or partition<br>\$1) | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L323 | 392  | 382/225.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L324 | 270  | 382/226.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L325 | 1112 | 382/224.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L326 | 1858 | 382/190.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L327 | 36   | 382/230.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L328 | 6013 | L321 or L320 or L326<br>or L325 or L323 or<br>L324 or L327                        | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L329 | 12   | L322 and L328   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L330 | 784  | scor\$4 near2 (cluster<br>\$1)  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L331 | 20   | L328 and L330   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L332 | 2    | scor\$4 near2 candidat<br>\$2 near2 partition\$2                                  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L333 | 3463 | (rank\$3 or scor\$3 or rat<br>\$3) near2 partition\$1                             | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L334 | 1112 | 382/224.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L335 | 1858 | 382/190.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L336 | 1153 | 382/181.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |

| L337 | 270  | 382/226.ccls.  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
|------|------|--|---------------------------|----|-----|---------------------|
| L338 | 392  | 382/225.ccls.  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L339 | 36   | 382/230.ccls.  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L340 | 1861 | 382/173.ccls.  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L341 | 6013 | L340 or L336 or L335<br>or L334 or L338 or<br>L337 or L339               | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L342 | 13   | L333 and L341  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L343 | 156  | pedestrian near<br>detection   | DERWENT                   | OR | OFF | 2009/08/14<br>13:50 |
| L344 | 123  | pedestrian near<br>detection   | USPAT                     | OR | OFF | 2009/08/14<br>13:50 |
| L345 | 5    | ("5278946"  <br>"6075905"   "6160907"<br>  "6396961"  <br>"7003134").PN. | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/08/14<br>13:50 |
| L346 | 1    | ("7239929").URPN.  | USPAT                     | OR | OFF | 2009/08/14<br>13:50 |

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